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Agricultural Communications Services

http://www.ca.uky.edu/agcomm/index.asp

Ag Comm Services provides skilled personnel and the latest technology to disseminate information about and from the College through writing, photography, web design, social media, videography, audio production, e-learning design, publishing and printing. We also support Cooperative Extension and the College's needs in information technology. Examples of products are included.

As a result of shifting needs, tight budgets and fewer staff, the unit underwent reorganization in late 2012 following a review and evaluation of services to strategically position it to assist the college with communications needs to its strategic plan. The reorganizational plan is outlined at http://www.ca.uky.edu/agcomm/reorg.asp. As part of this process, the unit requested an external review. Two surveys – one of chairs and unit directors and another of county extension staff – were also conducted. These materials are available at http://www.ca.uky.edu/agcomm/review.asp.

In the coming months, changes within the unit will occur as the implementation of the reorganizational plan continues. Some services such as marketing and web and app development will increase while others such as radio production and the DVD library will be eliminated. More cross training of staff and continued collaboration across the unit will occur for optimal effectiveness.

The unit is also leading a college wide committee gauging the public awareness of the college and Extension. It is also evaluating the success of the college's current marketing goals, strategies and products in preparation to better market its programs to prospective and current students, Cooperative Extension clientele, alumni and other important audiences. To this end, the committee is working in coordination with a consultant on a statewide survey as well as focus groups to further determine needs within the college and Extension for marketing tools. The college committee membership is representative of instruction, research and extension. The survey is online at http://www.tmgresearch.com/survey191/index.php?sid=64451&lang=en.

Products and services provided by the unit can be found the following links:

http://www.ca.uky.edu/news/
http://photo.ca.uky.edu/gallery/main.php
https://citc.ca.uky.edu/video/
http://www.ca.uky.edu/agcomm/pubs.asp
http://warehouse.ca.uky.edu/acs/acs_prod/

Social media:

http://www.youtube.com/ukagriculture
http://itunes.uky.edu/
www.facebook.com/pages/UKAgNews
http://twitter.com/UKAgNews
http://twitter.com/UKAgriculture
www.facebook.com/UKAg1

College of Agriculture
Budget Summary

	FY08	FY09	FY10	FY11	FY12
State Appropriations (w/ benefits):					
State Funds	74,038,365	73,104,168	72,621,638	73,685,970	73,707,975
Mandated Funds	4,689,444	4,757,668	4,576,379	4,684,566	5,294,365
Total State Appropriations	**78,727,809**	**77,861,836**	**77,198,018**	**78,370,536**	**79,002,340**
Income-Supported Programs (excludes county funds):					
Self Supporting Income	24,302,872	26,079,352	26,696,753	27,969,820	29,370,546
County Appropriations:					
County Appropriations (Sent to UK)	14,376,618	15,250,872	17,166,327	17,828,347	18,380,800
Disbursed in County	19,748,110	23,629,575	24,471,310	25,838,443	28,804,798
Total County Appropriations	34,124,728	38,880,447	41,637,637	43,666,790	47,185,598
Federal Appropriations:					
Hatch	4,281,119	4,536,974	4,698,864	5,184,347	5,177,240
Multistate	924,953	1,004,588	1,035,400	1,313,168	1,315,559
McIntire-Stennis	499,904	499,938	513,218	578,612	579,881
Animal Health	71,287	42,107	45,308	48,863	64,409
Total Research Funds	**5,777,263**	**6,083,607**	**6,292,790**	**7,124,990**	**7,137,089**
Smith Lever 3(b) & 3(c)	8,276,628	8,771,447	9,111,818	9,059,840	9,122,941
CSRS	595,578	497,655	422,846	404,109	344,791
FERS	91,266	84,906	81,258	79,432	119,768
EPA Training	46,241	33,024	28,185	-	-
Foods & Nutrition	1,663,934	1,670,899	1,698,526	1,696,848	1,692,401
Pest Mgmt	100,408	-	-	-	-
Renewable Resources	69,390	69,395	69,509	69,180	65,268
Total Extension Funds	**10,843,445**	**11,127,326**	**11,412,142**	**11,309,409**	**11,345,169**
Total Federal Funds	**16,620,708**	**17,210,933**	**17,704,932**	**18,434,399**	**18,482,258**
Gift & Endowment Restricted Funds:					
Gifts	7,171,090	8,059,600	8,437,203	8,956,586	8,491,686
Endowments	7,736,250	11,345,700	11,457,699	11,159,997	9,708,605
Total Gifts & Endowment Funds	**14,907,340**	**19,405,300**	**19,894,902**	**20,116,583**	**18,200,291**
Auxiliary Funds:					
Auxiliary Funds	1,874,884	1,776,821	2,350,553	2,529,785	2,608,778

UK College of Agriculture Endowment Market Values

	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13
Endowment Market Values	$86,503,900	$65,873,873	$73,494,195	$84,630,801	$82,364,698	$91,928,240

COLLEGE OF AGRICULTURE
FACILITIES IMPROVEMENTS
2007-2012

Facility improvements are classified into two categories, Capital Projects which have a total scope cost in excess of $600,000, and Non-Capital Projects, which include any project below $600,000. Any project designated as a capital project is managed by Capital Projects Management Division (CPMD), under the Vice President of Facilities. CPMD appoints a Project Manager for each capital project. The project manager will work closely with faculty, administrators, and Facilities Management to analyze the project needs and define/develop a program. An architectural firm will be retained to perform design services and work through all phases of drawing development and bid document preparation.

The following capital projects have been completed or are in process during the review period:

Veterinary Diagnostic Lab (VDL)

The Veterinary Diagnostic Laboratory (VDL) changed its name after the recent construction and renovation project, from the Livestock Disease Diagnostic Center. The mission however remains the same. The VDL is charged with the diagnosis of animal diseases, and the performance of tests which safeguard the health of the animal population in Kentucky.

The original VDL facility was constructed in 1971 with 18,000 gross square feet (GSF). Additions in 1985 and 1993 of 17,130 GSF and 12,588 GSF respectively resulted in a facility containing 37,748 GSF up to 2005.

With the ever increasing demands of Kentucky's agricultural and equine industries for disease diagnosis, the lab could not handle the animal volume and provide the necessary research that safeguards this important segment of Kentucky agriculture.

First priority for the renovation was to construct a large four-table necropsy room for animal postmortem examinations with integral state of the art systems for animal unloading, cooler storage, and postmortem tissue disposal. The second priority was to replace the existing unsafe, energy inefficient gas fired incinerator with the latest technology in alkaline hydrolysis tissue digesters. New laboratory space was created to perform all areas of tissue analysis and molecular biology procedures, all with state-of-the-art biosecurity.

Total scope for the project was $28.5 million dollars. Design, bidding and construction of the facility ran from 2007 to 2011. Much effort was devoted to incorporating alkaline hydrolysis tissue digesters as a way to safely dispose of approximately 3-4 million pounds of postmortem animal tissue created annually. This process utilizes 2-10,000 pound capacity digesters; the largest capacity of any in the world. The process

chemistry utilizes a vessel holding up to 10,000 pounds of animal, water, sodium hydroxide, high temperature and pressure to reduce all animal tissue to liquid and bone fragments. The resulting solution is transported to the College's, C.O. Little Research Center, blended with swine waste, and stored in 3-400,000 gallon concrete tanks. The waste is stored until it can be incorporated into crop land in spring and fall as a beneficial soil buffering agent and fertilizer. This process increases nutrients without using petroleum based fertilizers.

EQUINE ISOLATION I, ANIMAL BIOSAFETY LEVEL 2 CONTAINMENT FACILITY

The Maxwell H. Gluck Equine Research Center has been limited in its infectious disease research by the lack of adequate facilities to study emerging equine disease such as West Nile Virus. Expanding facilities did not meet federal requirements for such studies.

The project scope included design and construction of a 4,000 GSF containment barn containing 12 stalls and ancillary support rooms. The building was designed to meet all federal guidelines for a Biosafety Level 2 Containment Facility. Total cost for this project was 1 million dollars. The building was completed in 2010.

Prior to the commissioning of this building, structural wall cracks were encountered rendering the building unable to be accredited as a BSL-2 Containment Facility. As a result, the building had to be partially demolished and rebuilt at a cost of $580,000. Ongoing litigation with the general contractor and the contractor's bonding company will recover reconstruction costs of this building.

As this building is being commissioned in 2013, additional funding became available in the amount of $301,499. A project, Isolation #1, BSL-2 Improvements, was initiated and the scope of this project is to construct a 4,000 GSF feed storage building, perimeter security fence, emergency generator, lab trailer and a fiber optic network. Estimated time of completion is summer 2013.

EQUINE ISOLATION II FACILTY/VULCAN LAND SWAP

Displacement of equine research activities from Coldstream Research Park created the need to relocate research that centered around contagious equine upper and lower respiratory diseases. Due to the lack of available land area for the required paddock area and biosecurity separation from non-infected animals, the facility was constructed on leased land from Vulcan Materials, Inc.

Total scope for this building was $381,000 and the building is 9,180 GSF. A modular building containing 720 GSF is used for laboratory and lab technician support areas.

As mentioned, originally the facility was constructed on land owned by Vulcan Materials, Inc. Through negotiations with Vulcan, the University of Kentucky was able to engage in a surface/mineral rights swap which was most beneficial to the research in the Equine Health Cluster of North Farm. As a result, the University received 77.47 acres of land on which the Isolation II Facility sits, in exchange for the mineral rights of an adjoining 57.07 acres.

EQUINE MARE REPRODUCTIVE BIOLOGY FACILITY

This project was the renovation of an existing horse barn to house the Maxwell H. Gluck Center's Equine Mare Reproductive Biology Program. The purpose of this facility is to fully study equine mare and embryo health through conception to birth in an attempt to diagnose and prevent foal mortalities in the Commonwealth's valuable equine industry. Laboratory and scientist support areas are 1,500 GSF and stall/handling areas are 10,050 GSF. Total cost of this facility was $600,000. Funding for this facility was made possible by a pledge of $300,000 from the Kentucky Thoroughbred Owners and Breeders Association and a $300,000 match from the Council on Postsecondary Education and the Research Capital Match Program. The renovated barn was an original structure of the famous Spindletop Farm.

STALLION RESEARCH FACILITY

This facility was funded by a pledge of $300,000 from the Kentucky Thoroughbred Owners and Breeders Association and a $300,000 match from the Council on Postsecondary Education and the Research Capital Match Program. Total cost of the renovation was $600,000. The project was a renovation of an existing building that is original to Spindletop Farm and the most recent use of the building was a warehouse. Building houses holding stalls, a breeding room and state of the art laboratory support rooms and a conference facility. Building has 6,000 GSF of total area. Facility studies all aspects of natural and artificial mare breeding and stallion reproductive biology.

HORTICULTURE RESEARCH CENTER, SOUTH FARM

The $1.26 million construction and renovation of greenhouse and research facilities was completed in 2013. The following buildings and improvements were made:

Research Greenhouse	10,512 GSF
Greenhouse Head House	1,500 GSF
Shop/Warehouse/Multi-Purpose Building	3,849 GSF
Equipment Storage Building	1,728 GSF

Many site improvements were made at the farm to improve site drainage, waste disposal, and road pavement will be added in 2013.

Facilities will aid the horticulture faculty, staff and students conduct strategic as well as fundamental research with an emphasis in sustainable systems.

C.O. LITTLE RESEARCH CENTER

During the reporting period, the feed mill was completed at the C.O. Little Research Center located in Woodford County. The mill is a full service, fully automated feed manufacturing facility, capable of producing research rations in very accurate quantities, under stringent quality control. The total cost of the facility was $1 million.

4-H CENTERS

In 2009 the Kentucky General Assembly appropriated $1.5 million for improvement to the 4-H Camps across the state. College camp improvement funds and private donors pledged an additional $0.5 million for additional projects at all camps. Of the $2 million, approximately $176,000 was spent on design and construction administration. The projects at the camps are summarized as follows:

Dawson Springs – 4-H Center

At this camp, numerous projects were completed. Waste water treatment facilities were regularly out of compliance. Tetra Tech Consulting Engineers designed a mile long forced sewer transfer system that pumped the camp waste water to the Dawson Springs municipal waste water distribution/treatment system. Total cost of design and construction, $355,000.

A new cabin was designed by Murphy Graves Architects that is called, “The Cabin of Tomorrow.” This cabin incorporated a modern floor plan that houses 24 campers and 4 staff. It has camper restroom facilities and separate staff sleeping quarters and private bath facilities. The Cabin of Tomorrow utilized low maintenance construction materials and is climate controlled for year round use. Total square footage of this cabin is 2,097 GSF and cost $365,000 to construct.

A building known as Sparks Hall underwent a $250,000 renovation which included a new roof, new energy efficient windows, and expansion area for restrooms, new electrical service, and exterior cladding. The Building is 50+ years old and once served as the camps dining hall. It now is used for program space.

J.M. Feltner 4-H Center

This camp's portion of the capital project was the demolition of 2 existing boys' cabins, and the construction of 2 new cabins. Each of these cabins sleeps 24 campers and staff members and has 480 GSF The camp improvement committee at the time did not wish to design restroom and shower facilities in to the program. However, the decision has been made that future cabins will in fact have bath facilities. Total cost for these cabins was $88,000 each. The design highlights the local theme in appearance and incorporates low maintenance materials in its construction. The cabins have full HVAC systems.

North Central 4-H Center

At North Central, the camp improvement committee wished to design the cabins with the same camper capacity, 24, and matching the appearance of the existing redwood cabins, but with new low maintenance materials. These buildings have a GSF of 480 each. Original plans were to demolish 3 existing cabins and build 3 new cabins, but during construction, private donors contributed funds to build 2 additional cabins. The cost of these cabins was $85,630 each.

Lake Cumberland 4-H Center

This camp has the newest designed cabins in the system, which are 40+ years old. All have sleeping rooms with an existing restroom facility. Design at this camp required that the restrooms be upgraded with new fixtures and be ADA accessible. Funding was available to renovate 2 existing cabins. Floor area for each is 1,396 GSF. Total cost for the renovation was $350,000 for both cabins. Interior work was cleaned and refinished. The exterior incorporated hardy board plank for durability and low maintenance.

CONSTRUCTION PROJECTS COSTING UNDER $600,000

For all projects under $600,000 there are various delivery methods. For projects on main campus, Main Campus Physical Plant Division (PPD) manages all projects. Work performed can be either through PPD tradesmen, contract bids, or through the campus unit price contractor which at this time is Messer Construction Company. Ag. Facilities Management may provide some minor labor for cost savings purposes.

For projects off main campus, Ag. Facilities Management can self-perform work or contract a job through the bidding process, or a combination of both. Project management is handled by the two engineers within Facilities Management (FM) Engineering Division. Significant savings can be realized on projects such as this since project management and construction administrative services typically cost 5-10% of the project cost.

4-H PROJECTS

North Central 4-H Cabins

- For the 5 newly constructed cabins, FM performed all underground electrical service installation and completed the site finish/grading work.
- Camp Maintenance Supervisor's house was renovated and exterior deck added.
- Swimming pool drains were renovated to comply with Federal mandated Virginia Graham Baker Act

J.M. Feltner 4-H Center

- Working with the local Rural Water District, design was performed and construction completed on a lift station and a forced sewer main install at no cost to the College of Agriculture. Design and construction was provided through a rural development grant. The existing out of compliance package waste water plant was decommissioned.
- A stage and restrooms were added to the outdoor covered pavilion. All design and construction was performed by FM and 4-H staff.
- Swimming pool drains were renovated to comply with federally-mandated Virginia Graham Baker Act.
- Existing craft building was demolished.
- Design of a new cabin which will sleep 48 campers and staff is under way. It will have restroom/shower facilities and will have a basement that will provide program space along with serving as a storm-ready shelter with the capacity to hold all site campers and staff. Fundraising is underway and construction is expected to begin in the spring of 2013.
- In 2012, Delta Natural Gas installed a new natural gas distribution system throughout the camp at no cost to the college. High cost LP fuel was eliminated from the camp.

Lake Cumberland 4-H Center

- Through an extension related grant, funds were secured to construct a 660 GSF greenhouse on the property to us for extension education.
- Waste water treatment work is underway to install a new chlorination disinfectant system to bring the 2 waste water treatment plans into state compliance.
- Constant maintenance work is performed continually with roof and correcting deferred maintenance issues on the Leadership Center.

West Kentucky 4-H Center

- A 2,100 GSF 2-bay shop building was constructed for the maintenance staff. It contains an office, restroom and shop/storage areas.
- Design has been completed and bids revised for addition of a new HVAC system for the dining hall building.
- A new roof was installed on the dining hall.
- Pool modifications were made to comply with the Virginia Graham Baker Act.

- Sewer conveyance lines within the camp were replaced to prevent infiltration of surface drainage into the new sewer system.
- Maintenance Supervisor's residence was demolished due to mold invasion in to the structure.
- The lake dam spillway was repaired.

Robinson Forest (RCARS)

- Flooding in May of 2009 and 2010 resulted in a mudslide that impacted the dining hall, classroom and offices. A FEMA mitigation grant was applied for and received. Funding amount was $196,000. Tetra Tech, Inc. performed design services and a retaining wall with integral drainage system was installed and is complete.
- Saw mill that is in excess of 60 years old was decommissioned and sold.
- Breathitt Rural Waste District ran a municipal water line to the camp to provide all water needs. Existing well on site will be taken out of service.

Robinson Center for Application Rescue Sustainability (RCARS)

This research station underwent a name change from the Quicksand Experiment Station. New signage was installed at the Center and at the Forest.

- Use of the adjoining property owned by the USDA was granted to the RCARS under an MOU. The agreement covered the office building and 3 warehouse/processing buildings. Negotiations are underway to deed the property (4 acres) from USDA back to the University of Kentucky. The office building houses the administrative offices of RCARS, and was recently renovated.
- Design meetings with the Kentucky Transportation Cabinet have been underway for the construction of a new bridge serving the community of Quicksand. The project should begin in early 2013 and be complete in 2014.
- Design is complete and construction will begin to make the Community Center Building ADA compliant. An elevator will be installed and accessible restroom facilities will be constructed and electrical service upgrades and HVAC additions.
- RCARS received a grant to construct a pole frame building on UK property near Highway 15. This building will be used to house a farmers' market for the Center and the local community to use to promote the sale of locally grown produce.
- A small grain bin was erected to condition and store shelled corn that is raised on the Center farm.
- A poly greenhouse was erected at the Center to grow horticulture seedlings used on the farm.

EDEN SHALE FARM

- Due to budget constraints and reduced research activity, work at the farm has been suspended. At this time alternatives are being explored to repurpose the farm and to partner with a private entity to collaborate on research and extension of specific programs the farm can demonstrate.

COLDSTREAM FARM

- Dairy
    - Under a directive from EPA and the Kentucky Division of Water, animal waste disposal and land farming had to be reduced. As a result the milking herd was reduced in size to 90 cows and the site surface water was diverted from the manure lagoons. A nutrient management plan was put into place and much of the solid manure is hauled off the farm by a composting contractor. Facility appearance and function was greatly enhanced.
- Poultry
    - A cooperative agreement was entered into between the UK Animal and Food Sciences Department and Alltech, Inc. This partnership works to mutually benefit from the nutrient research, feed additives, scientists and facilities that both parties have to offer to the agreement.

SPINDLETOP, MAINE CHANCE FARM

- Facilities Management
    - In 2009 the existing structure of Management Operations was reorganized with a new title, Facilities Management. As a result, three operational divisions were created, Central Kentucky Farms, Fleet Services, and Engineering. This organization created a new identity and streamlined operations. During this time the World Equestrian Games were scheduled to be hosted by Kentucky. The farm benefited from the road improvement and was able to initiate a campaign to improve the perimeter and internal appearance of the farm. New perimeter fencing wood plank was installed. A new stone wall along the eastern boundary was built, new farm entry gates with access entry/video security systems were installed and perimeter identification signage.
    - Existing Equipment storage compound was secured. Two 60’ x 30’ equipment storage buildings were constructed.
    - Various houses and underutilized buildings were torn down.
    - A new 1,500 GSF Facilities Management Office was constructed which houses the administrative and business office functions of the organization.
    - A building that once housed the Maine Chance office and later student housing was renovated to house the Engineering Division. All design,

project management, CAD, and construction activities are managed from this group.
    - In cooperation with the City of Lexington, a 5 mile long bike trail, the Legacy Trail, was constructed through and along the western boundary of the farm that connects downtown Lexington with the Horse Park.

- Veterinary Science
    - Many paddock improvements were added for the management and feeding of the VS horses. Two 12'x120' feeding/run-in structures have been constructed and more are being planned.
    - Fiber optic network was installed to the VS main office complex.
    - In cooperation with Plant and Soil Sciences, an equine grazing study facility was constructed on the newly acquired Vulcan property which incorporates four pasture trials and an integral alley way/paddock/testing building. Research will begin early 2013.

- Animal and Food Sciences
    - Various paddock and fence improvement projects have been made throughout the equine area.
    - The 10,000 GSF Teaching Pavilion has been completed and is an important teaching tool in the College's Equine Program.
    - All Animal Science equine barns have a new fiber optic data network.
    - The equine teaching area of the farm benefits from a new secure entrance off Newtown Pike.
    - Existing barn that was used for warehousing was renovated back to a horse barn with stalls, laboratory, and foaling area. This barn is located adjacent to the Teaching Pavilion.

- Entomology
    - Three mobile mosquito labs were constructed to be placed in the Polynesian Islands for mosquito research. These units have been returned and will be utilized in research activities in the entomology research area.
    - Program and plans are underway to demolish an existing barn, storage building, and houses for a new multi-purpose storage field lab building.

- Plant and Soil Sciences
    - The turf area of Spindletop was named in honor of A.J. Powell. A new sign was erected and all buildings in the area were renovated on the exterior and painted.
    - A 60' x 42' greenhouse was constructed for the purpose of performing wheat research.
    - A 30' x 96' building was constructed for warehouse purposes and to house tobacco research curing buildings.
    - Laboratories and wet labs were constructed inside the Foundation Seed Building to ease cramped office/lab space on campus.

- A climatic change research area was developed to study the effect of increased ambient temperature on the growth of forage.
- Improvements were made on existing equipment storage buildings to make them resistant to pest animal intrusion and resultant equipment damage.

HORTICULTURE RESEARCH FARM

- In collaboration with the School of Design, existing building were renovated to house activities associated with the organic research and extension taking place on the farm. At the west boundary of the farm an equipment building was constructed.
- The existing pesticide storage structure was demolished and a new structure was placed in a more secure location.
- A new fueling station was constructed adjacent to the new shop building.
- Perimeter fence has been constructed and a new south entrance will be added to the farm.

C.O. LITTLE RESEARCH CENTER

- This farm was renamed from the Animal Research Center to the C.O. Little Research Center. To identify the new farm more appropriately, new perimeter signage was installed at each gated entrance.
- A 1 million gallon beef waste holding pond was constructed to contain waste runoff from the beef open pen research complex. Liquid is used in the farms waste management plan.
- A new farm chemical storage building was constructed to bring the farm into compliance.
- Through the Veterinary Diagnostic Laboratory construction, the swine manure waste handling system was made fully operational and automated.
- A trans-farm gas line was installed to feed the private residence and to provide a newer, more dependable source of natural gas through the farm. Plans are underway to replace a main transmission line through the farm.

RESEARCH AND EDUCATION CENTER, PRINCETON

- A new chiller was installed for the main building.
- Natural Gas line was run through the farm and connects to the main building and is available for connections of other buildings.
- A new natural gas boiler was installed to replace a very energy inefficient electric boiler.
- New air handler coils, pumps and chilled water piping were installed.
- Remediation is underway to correct building subsidence issues occurring in the footings of the conference area of the building.

- An energy saving plan was developed to reduce energy consumption.
- A new 36’ x 36’ research greenhouse was constructed.
- A 32’ x 64’ equipment storage building was erected.
- A 30’ x 48’ manure stack pad building was constructed to meet beef nutrient management plan requirements.
- Design and construction was complete for a state of the art portable Calan feeding system.
- Work was completed on the horticulture storage process building.
- Renovation and controls modification of the municipal water boosting station was complete.
- An existing house was renovated and repurposed to house visiting scientists and provide housing during their stay at the Center.

CAMPUS

- University/College of Ag. Motor Pool underwent a total renovation of the office, restroom, and exterior. Cost was $250,000 and will be complete winter 2013.
- Various laboratory and classroom renovations have taken place in Ag. North. Work has been done primarily by PPD however Facilities Management has participated wherever cost savings can be gained.
- On Main Campus he College of Agriculture has full occupancy in 19 building, partial occupancy in 3 buildings, and has 6 buildings near the football stadium that is occupied. Facilities Management has had involvement either through project programing, planning, project management, and actual construction activities during this 6 year review period in all these buildings.

Faculty of the College of Agriculture

The faculty of the College of Agriculture number 268 (including administrators, but excluding faculty on phased retirement and post retirement) in the professorial ranks, plus one librarian II. Of the 268 faculty, 133 (50%) are Professors, 71 (26%) are Associate Professors, 52 (19%) are Assistant Professors, and 12 (4%) are Senior Lecturers (2) or Lecturers (10). Eight (3%) are African-American, three (1%) are Hispanic, and 19 (7%) are Asian. Seventy four (28%) are women and 194 (72%) are men.

As of the 2011 Fall Semester (most recent data available), the University as a whole had 2,291 regular faculty in the professorial ranks. This includes the College of Agriculture, but excludes faculty with an administrative appointment of 50% or more (source: http://www.uky.edu/IRPE/faculty/factbook.html). Of the 2,291 UK faculty, 713 (31%) are professors, 630 (27%) are associate professors, 736 (32%) are assistant professors, 52 (2%) are instructors, and 160 (7%) are lecturers. African Americans total 92 (4%), American Indians total 4 (.2%), Hispanics total 56 (2%), Asians total 264 (12%), and two or more races total 12 (.5%). There is a total of 866 (38%) women faculty and 1425 (62%) men faculty members.

If the College of Agriculture numbers are removed from the UK data, there remain 580 (29%) Professors, 559 (28%) Associate Professors, 684 (34%) Assistant Professors, and 148 lecturers (7%) at the university. It is apparent that the College of Agriculture has significantly more faculty in the professor's rank (49%) than the remainder of UK (29%); this difference could be attributed to career satisfaction in the college. At the associate professor rank, college and university figures are similar, 27% and 28% respectively. At the assistant professor level, the college has 20% faculty while the university has 34%. Lecturers are relatively new to the college, comprising 4% of the faculty body as compared to 7% at the university level.

Without COA numbers, women comprise 39% (792) of the female faculty body at UK. Women faculty at the college level equal 28% (74). Examining gender by rank shows that at the assistant professor level, female and male faculty at the college and university levels is the same (46-47%). At the associate professor level, college females total 32% of the faculty body, while at the university level, females total 59%, close to double. At the rank of full professor in the college, 13% are female, while at the university level 23% are female.

Full-time faculty members of the College of Agriculture (effective December 15, 2012) are broken down by title series in **Table 1** (phased retirement and post retirement faculty members are not included in Table 1). Including administrators, the breakdown by title series for the college as a whole has 162 regular title series, 72 extension title series, 11 special title series, 7 research title series, 4 clinical title series, and 12 lecturers.

Table 2 shows the average annual salaries by rank of Southern Region 1862 Land Grant Institutions for 2011-2012 from Southern Association of Ag Scientists (SAAS) Administrative Heads of Agriculture survey. (Forestry schools, 1890 Colleges and Tuskegee University, and Colleges of Veterinary Medicine are not included.) The average salary of Professors in the College of Agriculture at UK was $109,859 for 2011-2012 which placed UK 8th out of 13 institutions. The average salary of Associate Professors at UK COA was $85,375 which also placed UK 8th out of 13 institutions reporting. The average salary of Assistant Professors at UK COA was $74,818 which placed UK 6th out of 13 institutions reporting. The median salaries for Professors, Associate Professors and Assistant Professors from Table 2 were $110,728, $87,775, and $74,811 respectively. These results show UK COA average annual faculty salaries to be slightly below the median for Professors and Associate Professors, and slightly above for Assistant Professors.

The average faculty salary effective July 1, 2012 is shown by department (excluding deans, chairs, two directors, and phased and post retirees) in **Table 3**. All 9-month salaries have been converted to 12-month equivalent salaries and lecturers are not broken out by departments. The highest average salaries are in the Department of Veterinary Science/UKVDL across the three ranks of Professor, Associate Professor, and Assistant Professor. The lowest average salary at the rank of Professor is in the Department of Merchandising, Apparel & Textiles. The lowest average salary at the Associate Professor level is in the Department of Plant Pathology, and the lowest salary at the Assistant Professor rank is in the Department of Landscape Architecture. Overall, including all ranks (Professor, Associate Professor, Assistant Professor), the Department of Veterinary Science/UKVDL again has the highest average salaries, $113,832, and the Department of Landscape Architecture has the lowest, $78,700.

The COA average over all ranks is $86,245. Average salaries for Professors, Associate Professors, and Assistant Professors were $99,247, $77,069, and $70,090 respectively**.**

The average faculty salary for men and women in the College of Agriculture effective July 1, 2012 is shown in **Table 4**. The total number of women and men were 50 and 192, respectively. Men make more than women at the rank of Professor and Associate Professor, but women make more than men at the rank of Assistant Professor, the latter probably a reflection of modern affirmative action initiatives. The distribution among ranks was markedly different for women and men. The distribution for women was 24% Professors, 44% Associate Professors, and 32% Assistant Professors. The distribution for men was 54% Professors, 30% Associate Professors, and 16% Assistant Professors. When the average for men is calculated using the percentage distribution for women and the average salaries for men by rank, the average for men is $80,484 compared to $77,933 for women. The difference is about $2,500 for each woman.

Table 1. Summary of faculty in the College of Agriculture by title series.

	Regular Title	Extension Title	Special Title	Research Title	Clinical Title	Lecturer and Senior Lecturer
Administration	14	6	2			
AEC	13	8				1
AFS	20	13				1
BAE	8	7		1		
CLD	9	4				2
DHN (formerly NFS)	4	3	1			3
ENT	12	4				
FAM	6	3	1			2
FOR	10	3				
HOR	7	6				1
LA	3	1				1
MAT	8		1			1
PPA	6	4				
PSS	25	10	1	2		
VSC	16		5	4	4	
Total	161	72	11	7	4	12

Table 2. Average Annual Salaries by Rank of Southern Region 1862 Land Grant Institutions for 2011-2012 from Southern Association of Ag Scientists (SAAS). Administrative Heads of Agriculture survey. (Forestry schools, 1890 Colleges and Tuskegee University, and Colleges of Veterinary Medicine are not included.)

Numerical Ranking	Professor		Associate Professor		Assistant Professor	
1	$ 127,427.00		$ 101,747.00		$ 90,582.00	
2	$ 125,861.00		$ 95,792.00		$ 80,562.00	
3	$ 122,522.00		$ 91,827.00		$ 80,505.00	
4	$ 121,984.00		$ 91,005.00		$ 79,732.00	
5	$ 116,881.00		$ 89,333.00		$ 75,953.00	
6	$ 111,366.00		$ 88,616.00		**$ 74,818.00**	**UK COA**
7	$ 110,151.00		$ 86,933.00		$ 74,803.00	
8	**$ 109,859.00**	**UK COA**	**$ 85,375.00**	**UK COA**	$ 74,655.00	
9	$ 107,007.00		$ 82,847.00		$ 74,138.00	
10	$ 106,483.00		$ 82,078.00		$ 74,094.00	
11	$ 101,887.00		$ 81,998.00		$ 73,998.00	
12	$ 98,107.00		$ 81,900.00		$ 72,818.00	
13	$ 93,035.00		$ 76,905.00		$ 70,186.00	
Median	$ 110,728.00		$ 87,775.00		$ 74,811.00	
Average	$ 111,736.00		$ 87,412.00		$ 76,680.00	

Table 3. Average University of Kentucky College of Agriculture annual faculty salaries (without deans, chairs, school director and UKVDL director, phased retirees, and post retirement appointees) by department and rank, effective July 1, 2012.
All 9-month salaries have been converted to 12-month equivalents. No data given where only one person comprised the data set.

Professor			Associate Professor			Assistant Professor			Overall, by Ranks		
Dept	Avg Salary	#	Dept	Avg Salary	#	Dept	Avg Salary	#	Dept	Avg Salary	#
VSC	$131,538	14	VDL	$103,484	5	VDL	$99,700	2	VSC	$113,832	21
AEC	$120,740	10	MAT	$92,863	4	BAE	$83,767	3	VDL	$106,003	9
FAM	$119,950	3	FAM	$89,650	3	AEC	$79,475	4	ENT	$102,334	16
VDL	$118,604	2	CLD	$88,329	4	MAT	$79,248	3	AEC	$101,496	21
PSS	$113,440	18	AEC	$86,590	7	AFS	$76,833	6	AFS	$96,704	32
AFS	$109,997	19	BAE	$84,755	4	CLD	$75,679	6	BAE	$95,003	15
ENT	$108,473	13	FOR	$84,186	4	ENT	$74,700	2	FAM	$94,456	9
CLD	$108,157	2	HORT	$83,814	5	DHN	$74,500	3	PSS	$94,072	39
BAE	$104,340	8	DHN	$82,066	2	FAM	$73,767	3	HORT	$91,467	13
HORT	$100,142	7	PSS	$82,011	13	FOR	$70,388	4	MAT	$88,385	9
DHN	$100,117	3	VSC	$81,711	5	VSC	$70,197	2	PPA	$87,110	10
FOR	$99,992	5	AFS	$77,652	7	PSS	$70,097	8	FOR	$86,020	13
PPA	$99,311	5	PPA	$76,137	4	LA	$68,900	2	DHN	$85,998	8
MAT	$93,136	2							CLD	$85,308	12
									LA	$78,700	4
									Lecturer, Ag	$65,204	12

Table 4. Average salary for male and female faculty in the College of Agriculture by rank (without deans, chairs, school director, and UKVDL director, phased retirees, and post retirement appointees).

	Average Salary			
Academic Rank	Female	Number	Male	Number
Professor	$ 104,553.00	13	$ 113,127.00	102
Associate Professor	$ 86,044.00	22	$ 85,078.00	49
Assistant Professor	$ 76,790.00	25	$ 74,215.00	25
Lecturer	$ 65,316.00	10	$ 64,645.00	2
Average, All Ranks including Lecturers	$ 83,215.00	70	$ 99,396.00	178
Average, All Ranks excluding Lecturers	$ 86,198.00	60	$ 99,791.00	176

College of Agriculture, Food and Environment Staff Summary

Ethnicity	Headcount	Male	Female
Hispanic/Latino	8	2	6
Non-Hispanic/Latino	1437	500	937
TOTAL	**1445**	**502**	**943**
Race (primary selection)			
American Indian/Alaskan Native	1		
Asian	35		
Black/African-American	54		
White	1351		
Non-specified	4		

Gender	Avg Salary	Avg Yrs of Service at UK
Male	$ 44,981.00	14.1
Female	$ 35,928.00	12.1
Overall Avg for both genders	**$ 39,073.00**	**12.8**

This chart excludes faculty, part-time workers, student employees, graduate assistantships, and temporary employees.